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Date:

11/19/03

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P. Walk
12-16-03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.: 10/006,090

Examiner: T. Noland

Filing Date: December 6, 2001

Group Art Unit: 2856

Inventor: Jens Struckmeier et al.

For: *Manual Control With Force-Feedback For Probe Microscopy-Based Force Spectroscopy*

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AMENDMENT AND REPLY

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action dated August 19, 2003, please amend the above-identified application as follows:

In The Claims:

Please amend the claims as follows:

1. (previously amended) A probe microscope comprising:

a probe;

a scanner for generating relative motion between said probe and a sample;

a manual input device having a substantially unlimited range of mechanical motion to control a separation between the sample and said probe;

a detector that generates a probe motion signal related to movement of

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01 FC:1201 172.00 DA

12/16/2003 WALKER 00000091 501170 10006090
01 FC:1201 54.00 DA
02 FC:1201 85.00 DA